SVVALLOVV 1634.

An

ALMANACK

for the yeare of our Lord God 1634.

Being the second after leap-yeare; and from the worlds creation (according to *Calvisius*) 5583.

¶ Calculated properly for the famous Universitie and Town of *Cambridge*; but may indifferently serve for any part of this Kinpdome.

¶ Printed by the printers to the *Universitie* of *Cambridge*.

The common notes and moveable feasts for this yeare 1634.

English account	According to the	*Rom.* account
1	The golden number	1
19	The cycle of the sunne.	19
C	The dominicall letter	A
11	The Epact	1
February 16	Shrovetunday	26 *February*
19	Ashwednesday	1 *March*
23	1 Sunday in Lent	5
April 6	Easter day	16 *April*
May 11	Rogation-sunday	21 *May*
15	Ascension day	25
25	Whitsunday	4 *June*
Novemb. 30	Advent-sunday	3 *December*
25	Sundayes after Trin.	24

¶ *A rule for Marriage.*

¶ From Advent-sunday untill eight dayes after Twelfth is marriage forbidden.

From Septuagesima-sunday, untill Low-sunday, marriage is forbidden.

From Rogation-sunday untill Trinitie-sunday is marriage again forbidden. But at other times in the yeare is no restraint.

THE
Anatomie of Mans bodie, as the parts thereof are by Astrologers attributed unto the 12 signes of the zodiaque

♈ Aries Head and face.

♉ Neck and throat.

♋ Breasts stomack, and ribs.

♍ Bowels and belly.

♏ Secret members.

♑ Knees.

♓ Pisces the feet.

♊ Arms and shoulders.

♌ Heart and back.

♎ Reines and loyns.

♐ Thighes.

♒ Legs.

Characters of the seven Planets, with their aspects.

♄ Saturn ♃ Jupiter ♂ Mars ☉ The Sunne ♀ Venus ☿ Mercury ☽ ● The Moon. ☌ Conjunction ☍ Opposition □ Quadrate ⚹ Sextile △ Trine.

Januarie hath xxxi dayes.

☽ Full moon the 4 day, 28 minut. past 7 in the morning.
☾ Last quarter the 12 day, 10 min. past 11 before noon.
● New moon the 19 day, 33 min. past 6 in the morning.
☽ First quarter the 26 day, about one in the morning.

1	a	Circumcis.	New-yeres d	gem.	20	☿ ♀ ☾	freez.
2	b	Oct. Steph.	□ ♂ ☾	canc.	3	& snowlike.	
3	c	Oct. John	The day is 7	canc.	15	♃ 22	♊
4	d	Oct. Innoc.	h. & 54. m.	canc.	27	✶ ♂	☾
5	e	2. Sun. af. Chr.	♂ 29	♍	leo	7	♀ 29 ♐ sharp,
6	f	Epiphanie	Twelfth day	leo	20	& snowing,	
7	g	Julian mart	△ ♀ ☾	virg.	1	breeding	
8	a	Lucian priest	□ ♄ ☾	virg.	14	windes.	
9	b	Marcellinus	Windes are	virg.	25	♐ ☉ ☿	
10	c	Sun in aqua.	cold, & apt	libr.	8	Frostie, &	
11	d	Higinus	for Snow, or	libr.	20	☾ with Spica.	
12	e	1. Sun. af. Epip.	stormes.	scorp.	3	✶ ♀ ☾	
13	f	Hilarie bish.	♄ 17 ♐	scorp.	16	♀ ♐ 25	
14	g	Felix & Jam.	The day is 8	scorp.	29	Snowlike.	
15	a	Maurus	h. and 28. m.	sag.	13	As before.	
16	b	Marcellus	□ ♂ ☾	sag.	28	More turbulent	
17	c	Anthonie	♐ ♀ ☾	capr.	13	weather like to	
18	d	Peters chaire	Windie.	capr.	28	be now.	
19	e	2. Sun. aft. Ep.	☽ perig.	aquar.	13	✶ ♄ ☾	
20	f	Octab. Hillar.	☉ 10 48	♒	aquar.	28	Milder △ ♃ ☾
21	g	Agnes virg.	☿ 20	♍	pisc.	13	weath. ✶ ♀ ☾
22	a	Vincentius	♂ ♂ ☾	pisc.	28	□ ♃ ☾ like to	
23	b	Term begins	✶ ☉ ☾	aries	12	be some storms	
24	c	Timoth. bish.	Stormie.	aries	25	and windes.	
25	d	Conv. of Paul	☉ 15 53	♒	taur.	9	☾ is Savage.
26	e	3. Sun. aft. Ep.	☽ with 7 star.	taur.	22	Turbulent and	
27	f	Quind Hillar.	The day 9	gem.	5	stormie. Snow.	
28	g	Agnes secun.	h. 14. min.	gem.	17	Winde □ ♀ ☾	
29	a	Valer. bish.	△ ☉ ☾	canc.	0	Frostie □ ♂ ☾	
30	b	Batild queen	✶ ☉ ♄	canc.	12	△ ☉ ♃ Snow	
31	c	Saturn	Windie.	canc.	24	or win. missin.	

February hath xxviii dayes.

Full moon the 3 day, 26 min. paſt 2 in the morn.
Laſt quarter the 10 day, 45 min. paſt midnight.
New moon the 17 day, 33 min. paſt 4 at night.
Firſt quarter the 24 day, 15 min. paſt 4 at night.

1	d	Bzidget. Faſt	d.9. h. 30.m.	leo	6	☌ ☿ ☾
2	e	Purification	☽ apogeon.	leo	17	✶ ♃ ☾
3	f	Craſt. Purif.		leo	29	Cold north
4	g	Gilbert	♃ 20 ♌	virg.	11	windes with
5	a	Agath. vir.	♄ 20 ♐	virg.	23	rainy weather.
6	b	Dozothie	d.9.h.48.m.	libz.	5	△☿☾ ☌☌☾
7	c	Auguſtine	☽ with Spica	libz.	17	△♃☽ ✶♄☾
8	d	Sun in piſ.	☌ 29 ♎	ſcozp.	0	winde. □☿☾
9	e		day 10. hour.	ſcozp.	12	□☿☾ raine
10	f	Octab. Purif.	✶ ☌ ☾	ſcozp.	25	weather.
11	g	Deſid. biſh.	d.10. h.8.m.	ſagit.	8	✶☌☾ ✶☿☾
12	a	Term ends	☌ ♃ ☾	ſagit.	22	ſomething tur-
13	b	Agabus ,	d.10.h.16.m	capzic.	6	bulent. ✶☉☽
14	c	Valentine	☿ 17 ♒	capzic.	21	△ ☌ ☾
15	d	Fauſtinus	d.10.h.24.m	aquar.	6	☽ vac. curſ.
16	e	Shroue-ſund.	✶ ♄ ☿	aquar.	21	wet and winde.
17	f	Policron	d.10.h.32.m	piſces	6	Temperate.
18	g	Conſtance	□ ♄ ☾	piſces	21	□ ♃ ☾
19	a	Aſhwedneſd.	d.10.h.40.m	Aries	6	☽ ☊. warm,
20	b	Wildzed	✶ ☿ ☾	aries	20	fair, and good
21	c	69 Martyrs	d.10.h,48.m	taur.	5	weather.
22	d	Peters chair	☽ with 7 ſtars	taur.	18	Expect winde
23	e	1 Sun. in lent	△ ☌ ☾	gem.	1	and rain
24	f	Matthias Ap.		gem.	14	□ ☉ ☾
25	g	Nicozinus	d.11. h.4.m.	gem.	26	△☿☾. Again
26	a	Ember week	☿ 2 ♓	cancer	9	winde & wet.
27	b	Alexander	d.11.h.14.m	cancer	21	✶ ☌ ☾
28	c	Roman.abbot	♃ 21 ♌	leo	2	hail is breeding

Full moon the 4 day, 35 minutes past 8 at night:
Last quarter the 12 day, 49 minutes past 10 morning.
New moon the 19 day, 24 minutes past 2 morning.
First quarter the 26 day, 8 minutes past 9 morning.

1	d	David bish.	d.11.h.20.m.		leo	14	The beginning
2		2. Sun. in lent	✶ ♃ ☾		leo	26	of this moneth
3	f	Maurice	♂ ☿ ☾		virg.	8	and some daies
4	g	Adrian	♂ ♂ ☾		virg.	19	after, expect
5	a	Eusebius	d.11.h.38.m		libr.	2	cold stormes of
6	b	Victor	d.11.h.42.m		libr.	14	hail; or other
7	c	Thom. Aquin.	♂ ♂ ☿		libr.	27	as turbulent
8	d	Felix	Very windie.		scorp.	9	and unquiet
9		3. Sun. in lent	△ ☿ ☾		scorp.	22	cold windy
10	f	Sun in Aries	△ ☉ ☾		sag.	5	weather.
11	g	Troph. virg.	d. 12.h. 4.m.		sag.	19	Stormes & win
12	a	Gregorie	□ ☿ ☾		capr.	2	Winde.
13	b	Euphr. mart.	△ ♂ ☾		capr.	16	✶ ♀ ☾
14	c	Peter mart.	♂ ☉ ☿		aquar.	1	Windy, &c.
15	d	Longinus m.	d.12.h.20.m		aquar.	15	✶ ♄ ☾
16		Midlent sund.	☾ perig.		pisc.	0	☿ Occident.
17	f	Patrick. bish.	♂ ♂ ☾		pisc.	15	□ ♄ ☾
18	g	Edward K.	☾ ♌ ☉		pisc.	29	Rain-like.
19	a	Ios. husb. Mary	♂ ☉ ☾		aries	14	fair weather.
20	b	Cuthbert	d.12.h.40.m		aries	29	✶ ♃ ☾
21	c	Benedict	△ ♂ ☾		taur.	13	Temperate,
22	d	Aphrodose	☾ with pleiad		taur.	26	and cloudie.
23		5 Sun. in lent	□ ♂ ☾		gem.	9	✶ ♀ ☾
24	f	Botolph. Fast	✶ ☿ ☾		gem.	22	Windie. △♄☿
25	g	Annun. Mar.	□ ♀ ☾		canc.	5	with some moi
26	a	Castor mart	✶ ♂ ☾		canc.	17	sture these daie.
27	b		Winde.		canc.	29	□ ♀ ☾
28	c	K. Charles beg.	△ ♀ ☾		leo	11	△☉☾ warm
29	d	Dorothy virg	☾ at ♌ heart		leo	22	weather.
30	f	Eustace	△ ☿ ☽		virg.	5	☾ apog.
31	g	Palmsunday					

Full moon the 3 day, 22 minutes past noon.
Last quarter the 10 day, 3 quarters past five at night.
New moon the 17 day, 23 minutes past noon.
First quarter the 25 day, 10 minutes past 3 morning.

1	g	Theodora	d.13.h.26.m	virg.	28	☐ ♅ ☾.	fair
2	a	Mary Egypt	△ ☉ ♄	libr.	11	something cool	
3	b	Richard bish.	△ ♅ ☾	lib.	23	misling ♂ ♀ ☾	
4	c	Isidore bish.	♅ 25 ♊	scorp.	6	some winde	
5	d	Vincent	d.13.h.40.m	scorp.	19	about the 4, 5	
6	e	Easter day	✶ ☉ ♅	sag.	2	& 6 d. other-	
7	f	Egisippus	☿ 14 ♉	sag.	17	wise good	
8	g	Dionysius	♂ ♄ ☾	sag.	29	spring-weather	
9	a	Perpetuus	△ ♂ ☾	capr.	13	△ ♀ ☾ 10 p.	
10	b	Sun. aft. East.	☐ ♀ ☾	capr.	27	☐ ☉ ☾ showres	
11	c	Leo pap.	✶ ♅ ♀	aquar.	11	& temperate.	
12	d	Julius pap.	☐ ☿ ☾	aquar.	25	som. win. ✶ ♀ ☾	
13	e	1. Sun. aft. East.	☌ ♂ ☾	pisc.	10	warm. ☉ 3 ♉	
14	f	Valerian m.	△ ☿ ☾	pisc.	24	somwhat clou-	
15	g	Olympia	☿ with Pleiad	aries	8	dy dropping air	
16	a	Carilus	✶ ♅ ☾	aries	23	fair weather.	
17	b	Aniclet	♂ ♀ ☾	taur.	7	△ ♂ ☾ April-	
18	c	Eluther. us	☾ with Pleia	taur.	21	show. ♅ 27 ♊	
19	d	Alphage	♂ ☿ ☾	gem.	4	☉ 9 55 ♉	
20	e	2. Sun aft. East.	♂ 11 ♍	gem.	17	☐ ♂ ☾	
21	f	Quind. Pasch.	♂ ♅ ☾	canc.	0	good weather.	
22	g	Emmanuel	△ ☉ ♂	canc.	13	✶ ♀ ☾ 9 ♋	
23	a	Term begins	△ ♂ ♀	canc.	25	warm misling	
24	b	Albert	☿ apog. epic.	leo	7	✶ ☿ ☾ 1 ♌	
25	c	Mark evang.	☾ with lions	leo	19	warm: but not	
26	d	Clete bish.	heart. ♂ ☉ ♀	virg.	1	without show.	
27	e	3. Sun. aft. East.	♂ ♂ ☾	virg.	12	& (perhaps) the	
28	f	Tres Pasch.	☾ ♈. winde	virg.	24	27 may have	
29	g	Peter of Mil	♅ 29 ♊	libr.	6	in some places	
30	a	Erkinwald	☾ with Spica.	libr.	19	a thunder-clap	
						or two.	

Full moon the 3 day, about one in the morning.
Laſt quarter the 9 day, a quarter paſt 10 at night.
New moon the 16 day, 10 minutes paſt 11 at night.
Firſt quarter 24 day, 10 minutes paſt 9 at night.

1	b	Phil. & Jame	May day	ſcorp.	2	△ ☿ ☾	
2	c	Athanaſius	If the ſouth	ſcorp.	15	✶ ♂ ☾	
3	d	Invent cruc.	winde chance	ſcorp.	28	Rain-like and	
4	e	4 Sun.af. Eaſt.	to blow, and	ſag.	12	windy. ♂♂☾	
5	f	Menſ. Paſch.	raiſe up rain,	ſag.	26	♂☿ as before.	
6	g	Joh.port lat.	wonder not	capr.	10	Windy ♂☉☿	
7	a	Juvenal	at it: for be-	capr.	24	△☿☾ windie.	
8	b	Staniſlaus	fore May be	aquar.	8	☽ is ſavage.	
9	c	Gregory biſh.	3. daies old,	aquar.	22	☾ perig.	
10	d	Gordian mart	expect rain.	piſc.	6	Rain or thun-	
11	e	Rogation	Sun in Gem.	piſc.	20	der. ✶ ☿ ☾	
12	f	Pancratius	□ ☿ ☾	aries	4	fairer weather.	
13	g	Servatius	d.15.h.50.m.	aries	18	☿ perig. Eccen	
14	a	Ember week	✶ ☿ ☾	taur.	2	fair, &c.	
15	b	Aſcenſion	d.15.h.54.m	taur.	16	A ſtorm. ♂☿☾	
16	c	Peregrin biſh	☾ with pleiad	taur.	29	♂☉☾ 11 p.	
17	d	Jodocus	♂ ♀ ☾	gem.	12	Thund. & rain	
18	e	6 Sun.af. Eaſt.		gem.	26	♂ ♄ ☾ 2 a	
19	f	Pentecoſt	d.16.h.4.m	canc.	8	Wind about	
20	g	Bernhardus	♂ ☿ ☾	canc.	21	the 19,20, &c	
21	a	Prudentius	✶ ♂ ☾	leo	3	Hot weather.	
22	b	Julia mart.	□ ♄ ♂	leo	15	Like to be tem	
23	c	Deſiderius	☾ with lions	leo	27	peſts of thund	
24	d	Eſther	heart.	virg.	8	&c. perhaps	
25	e	Whitſunday	♂ ♂ ☾	virg.	20	ſometimes wit	
26	f	Eluther pap.	□ ☿ ☾	libr.	2	hail alſo.	
27	g	Joan. pap.	☾ with ſpica.	libr.	14	✶ ♄ ☾ dark	
28	a	Germane biſh		libr.	27	△ ♀ ☾	
29	b	Corona mart.		ſcorp.	9	△ ☿ ☾	
30	c	Felix pope	☿ with pleiad	ſcorp.	22	Unquiet, dark	
31	d	Petronilla.	☌ ☉ ♄	ſag.	6	Thund. or hai	

June hath xxx dayes.

Full moon the first day, at 11 before noon.
Last quarter the 8 day, 30 minutes past 4 in the morn.
New moon the 15 day, neare 11 in the forenoon.
First quarter the 23 day, 30 minutes past 2 afternoon.
Full moon the last day, about a quarter past 7 at night.

1	☌	Trinit. Sund.	Ordination	ſag.	21	Cloudy.
2	f	Craſt. Trin.	d.16.h.29.m	capr.	4	☌ ☿ ☾
3	g	Eraſmus m.	△ ☌ ☾ 9 p.	capr.	19	Thund. or rain
4	a	Metraphan	△ ☿ ☾	aquar.	4	
5	b	Corp. Chriſt.	d.16.h.32.m	aquar.	19	Cloudy. ☽ per.
6	c	Term begins	□ ♀ ☾	piſc.	3	Some winde.
7	d	Wolſt. tranſl.	□ ♄ ☾	piſc.	17	Fair weather.
8	☌	1.Sun.af. Trin.	Dies Medar.	aries	0	Like to thund.
9	f	Octab. Trinn.	△ ♄ ☾	aries	14	Heat.
0	g	Onuphrius	✶ ☉ ☾	aries	27	d.16.h.34.m.
1	a	Sun in Cancer	Barnabie	taur.	12	✶ ☿ ☾
2	b	Longeſt day	☾ with Pleiad	taur.	25	△ ☌ ☾ ſtorm
3	c	Anthony con.	☾ vac. cur.	gem.	8	d.16.h.34.m.
4	d	Valerius	d.16.h.33.m.	gem.	21	Turbulent
5	☌	2.Sun. af.Tr.	☌ ☉ ☾	canc.	4	about ſome of
6	f	Quind. Trin.	☽ with Ven.	canc.	17	theſe fol.dayes.
7	g	Botolph	✶ ☌ ☾	canc.	29	Rainlike.
8	a	Marcell mar.	☽ apogeon	leo	11	d.16.h.31.m.
9	b	Gervaſe mar.	☽ & ♃ heart	leo	23	△ ♄ ☾
0	c	Silveſter pap	✶ ☉ ☾	virg.	5	Cloudie.
1	d	Edw. tranſl.	✶ ♅ ☾	virg.	17	□ ♄ ☾
2	☌	3. Sun. aft.Tr.	d.16.h.27.m	virg.	28	□ ☿ ☾
3	f	Tres Trin. Faſt	□ ♅ ☾	lib.	10	□ ☉ ☾
4	g	John Baptiſt	☾ with Spica	lib.	22	Drought and
5	a	Term ends	d.16.h.24.m	ſcorp.	5	heat is ſigni-
6	b	John & Paul	△ ☉ ☾	ſcorp.	18	fied.
7	c	7 Sleepers	Aper.in Mar.	ſag.	1	Thunder-like.
8	d	Leo pap. Faſt.	☌ ♄ ☾	ſag.	15	Winds oft till
9	☌	Peter apoſtle	☽ Aſell. auſt.	ſag.	29	the 3 of July.
0	f	Com. S. P.	hot & windy	capr.	13	Winde. ☌ ☿ ☾

July hath xxxi dayes.

☾ Last quarter the 7 day, 37 minutes past 10 morning.
● New moon the 14 day, 38 minutes past midnight.
☽ First quarter the 23 day, 50 minutes past 4 morning.
● Full moon the 30 day, 45 min. past 2 morning.

1	g	Theobaldus	d.16.h. 16.m	capr.	28	Windy. ☌ ☉ ♀
2	a	Visit. Mary	☍ ♀ ☾	aquar.	13	△ ☌ ☾ Thun.
3	b	Cornelius	d.16.h. 12.m	aquar.	28	☾ is savage.
4	c	Ulricus	✶ ♂ ♀	pisc.	13	cloudy and-like
5	d	Ice virg.	△ ☿ ☾	pisc.	27	to rain.
6	E	5 Sun. aft. Tr.	☍ ♂ ☾	aries	11	like to thund.
7	f	Becket	d.16.h.2. m.	aries	25	□ ☿ ☾
8	g	Chillianus	□ ♀ ☾	taur.	9	✶ ♃ ☾ like
9	a	Cyrill bish.	☽ pleiad.	taur.	22	to be missing
10	b	7 Brethren	✶ ☿ ☾	gem.	5	unconstant.
11	c	Pius pap.	♀ ☊ knees	gem.	18	Hot weather.
12	d	Sun in leo	☾ vac. cur.	canc.	c	♀ 19 of ☊
13	E	6 Sun.aft.Tr.	d.15.h. 48.m	canc.	13	The winde in
14	f	Bonavent	✶ ♄ ♂	canc.	25	the South.
15	g	S. Swithin	☾ vac: cur.	leo	7	Hot, and apt
16	a	Osmond	♀ & ☾ with	leo	19	for thunder,
17	b	Alexius con.	lions heart.	virg.	1	with some
18	c	Rosina	□ ♄ ☾	virg.	13	winde, &c.
19	d	Dog daies. heg.	♂ with Spica	virg.	25	☾ vac. cur.
20	E	7 Sun.aft.Tr.	✶ ☉ ☾	libr.	7	✶ ♄ ☾ 19 p.
21	f	Prax. virg.	☾ with Spica	libr.	19	□ ♃ ☾ The
22	g	Mary Magd.	& ☿ ☊ hart	scorp.	1	winde blowes
23	a	Apolinarius	△ ♃ ☾	scorp.	13	out of the west
24	b	Christin Fast	□ ☿ ☾	scorp.	25	Rain-like.
25	c	James apost.	d.15.h.12.m	sag.	9	Cloudy.
26	d	An. mat. Mar.	✶ ♂ ☾	sag.	23	△ ☿ ☾ 21 p.
27	E	8 Sun.aft Tr.	△ ♀ ☾	capr.	7	☍ ♃ ☾ 21. p.
28	f	Sampson	□ ♂ ☾	capr.	22	Rain at night.
29	g	Beatrix	d. just 15 h.	aquar.	7	Dark and clou-
30	a	Abdon & Sem	△ ♂ ☾	aquar.	22	dy. ☾ perig.
31	b	German bish.	♀ ☿ ☾	pisc.	[illegible]	Rain-like.

Auguſt hath xxxi dayes.

☾ Laſt quarter the 5 day, 48 min. paſt 6 at night.
● New moon the 13 day, 4. min. paſt 4 in the afternoon.
☽ Firſt quarter the 21 day, 15 min. paſt 5 in the afternoon.
○ Full moon the 28 day, 32 min. paſt 10 before noon.

1	c	Lammas day	d. 14. h. 48. m	piſc.	22	We may expect
2	d	Stephen	□ ♄ ☿	aries	6	winde and wet
3		9 Sun. aftt. Tr.	d. 14. h. 40. m	aries	20	eſpecially on
4	e	Juſtine	♂ ☌ ☾	taur.	5	the 2 day, if Sa-
5	g	Gowrie con.	☾ with Pleiad	taur.	19	turns aſpects
6	a	Transfig. Dom.	☾ vac. cur.	gem.	2	turn it not into
7	b	Donatus	☿ cũ ſtel. vẽt.	gem.	15	miſtie morn-
8	c	Cyziac mart	☿ ib. winde	gem.	28	ings, or dark
9	d	Roman mart	☾ vac. cur.	canc.	10	miſling daies.
10		10 Sun. aft. Tr.	☌ ☊ ☾	canc.	22	fair.
11	e	Tyburt mart	d. 14. h. 10. m	leo	4	□ ☌ ☾ like to
12	g	Clare virg.	△ ♄ ☾	leo	16	thunder.
13	a	Sun in virg.	☽ with ☊ h.	leo	28	☾ apog. hot.
14	b	Euſebius	✶ ☌ ☾	virg.	10	□ ♄ ☾
15	c	Aſſum. of Mar.	d. 13. h. 56. m	virg.	22	✶ ☊ ☾
16	d	Roch. confeſ.	☌ ☿ ☿ and ☾	libr.	4	like to be ſome
17		11 Sun. aft. Tr.	☾ with Spica	libr.	16	winde & ſtor.
18	e	Helene	□ ☊ ☾	libr.	28	fair weather.
19	g	Sebaldus	☌ ☌ ☾	ſcorp.	10	♄ 15 deg. ♐
20	a	Bernard.	△ ☊ ☾	ſcorp.	22	✶ ☿ ☾ 15 p.
21	b	Athanaſius	d. 13. h. 32. m	ſag.	5	✶ ♀ ☾
22	c	Octab. Mary Mag. da. end		ſag.	18	☌ ♄ ☾
23	d	Barthol. apoſt	□ ☿ ☾ 12. ſun. af. Tr	capr.	2	☿ 29 ♏ like
24				capr.	16	to be windie &
25	e	Lewis K.	△ ☿ ☾	aqua.	0	ſcarce fair.
26	g	Irenæus	✶ ☉ ☌	aqua.	15	like to thunder.
27	a	Gebherdus	d. 13. h. 8. m.	piſc.	0	miſling ✶ ♄ ☿
28	b	Auguſt. biſh.	□ ☌ ☾	piſc.	15	□ ♄ ☾ cool.
29	c	John B. behe.	juſt 13 hour.	aries	0	cloudie & dark
30	d	Felix & Adan	☿ with Spica.	aries	15	weather. ☿☾
					0	per epic. fair.

September hath xxx dayes.

☾ Last quarter the 4 day, neare six in the morning.
● New moon the 12 day, 54 minutes past 8 morning.
☽ First quarter the 20 day, 39 minut. past 3 morning.
○ Full moon the 26 day, 19 minutes past 7 at night.

1	f	Giles abbot.	d.12.h.48.m	taur.	14	☌ ☌ ☾	
2	g	Rachel	☾ Pleiad.	taur.	28	✶ ♀ ☾	
3	a	Seraph.virg.	d.12.h.40.m	gem.	11	☌☉☿ This con	
4	b	Theodosia	△ ☿ ☾	gem.	24	junction raiseth	
5	c	Bertine	✶ ☌ ☿	canc.	7	wind & wet as	
6	d	Magni	□ ♀ ☿	canc.	19	will also appear	
7	e	14. Sun af. Tr.	d.12.h.24.m	leo	1	on the 4,5,& 6	
8	f	Nat. virg. Mar.	△ ♄ ☾	leo	13	daies. △ ♄ ☾	
9	g	Gorgonius	☾ ♌ heart.	leo	25	□ ☌ ☾ hot	
10	a	Silvius	☾ apog.	virg.	7	✶ ☿ ☾	
11	b	Ebaldus	☌ ☾	virg.	19	winde and stor-	
12	c	Tobias	□ ♄ ☿	libr.	1	ming weather.	
13	d	Sun in libra	☾ with Spica	libr.	13	Corus flat. fair	
14	e	15 Sun.aft.Tr.	□ ♀ ☾	libr.	25	and temperate	
15	f	Holy rood on	☌ ☿ ☾	scorp.	7	rain-like.	
16	g	the 14 day	✶ ☿ ☾	scorp.	19	♀ 28 deg. 69	
17	a	Ember week	☌ ☌ ☾	sag.	2	warm weath.	
18	b	Victorius	□ ☿ ☾	sag.	15	cloudie ☿ 11 m	
19	c	Theod. bish	△♀☌ 20 p.	sag.	28	Thunder or	
20	d	Fausta Fast	✶ ☿ ☾	capr.	11	hail followes	
21	e	Matthew apost	16 Sun.af.T.	capr.	25	☌ ♀ ☾	
22	f	Maurice	☿ cum stell.	aqua.	13	windie weath.	
23	g	Linus 1.pap.	ventosa.	aqua.	24	✶ ♄ ☾	
24	a	Androchie	□ ☌ ☾	pisc.	9	△ ☿ ☾	
25	b	Cleophas	△ ♀ ☾	pisc.	24	☌ ☿ ☾	
26	c	Cyprian mar.	☌ ☉ ☾	aries	9	cloudie & rai	
27	d	Judith	d.11.h. 4.m.	aries	24	△ ♄ ☾	
28	e	17 Sun. af. Tr.	□ ♀ ☾	taur.	8	☿ in ♏ 23 deg.	
29	f	Michael Arch.	☾ Pleiad.	taur.	23	rain & ☌ ☿ ☾	
30	g	Hieronymus	△ ☿ ☾	gem.	7	windie; dark.	

October hath xxxi dayes.

☾ Last quarter the 3 day, about 9 at night.
● New moon the 12 day, 45 min. past one in the morn.
☽ First quarter the 19 day, 47 min. past high noon.
○ Full moon the 26 day, 41 min. after 5 morning.

1	a	Remigius	d.10.h.48.m	gem.	20	Cloudie.
2	b	Leodegar	□ ☿ ☾	canc.	3	Windy misl.
3	c	Simplicius	d. 10.h.40.m	canc.	16	□ ☉ ☾
4	d	Franciscus	△ ♃ ☾	canc.	28	☌ ♃ ☾
5	E	18 Sun.aft.Tr.	K.Ch.ret.fr.S	leo	10	△☌☾.Warm
6	f	Octab. Mich.	Faith virg.	leo	22	☾ ☊ heart.
7	g		✶ ♂ ☿	virg.	4	7 & 8 Rain&
8	a	Pelagius	□ ♂ ☾	virg.	15	winde now
9	b	Term begins	d.10.h.16.m	virg.	27	and then.
10	c	Paul Bishop	✶ ♂ ☾	libra	9	♃ 1.degr. ☊
11	d	Michal. bish.	☿ with spica	libra	21	Cooler with
12	E	19 Sun.aft.Tr.	□ ♃ ☾	scorp.	4	wind & moist
13	f	Sun in Scorpio	Quind.Mich	scorp.	16	☾ vac. curs.
14	g	Calixti	△ ♃ ☾	scorp.	29	☿ 12 of ♐
15	a	Aurelia virg.	d.9.h. 52. m.	sagit.	12	Scarce fair.
16	b	Gallus	□ ☉ ♃	sagit.	25	Windy corru.
17	c	Etheldred	d.9.h.44.m	capric.	8	scations &
18	d	Luke evang.	☌♃ ☍ 20 p	capric.	22	turb. weather
19	E	20 Sun.aft. Tr.	d.9. h.38.m.	aquar.	6	☌♄? Moist,
20	f	Tres Mich.	□ ♃ ☾	aquar.	19	cold & wind.
21	g	11000 virg.	d.9.h.30.m.	pisces	4	△ ☿ ☾
22	a	Severus bish	□ ☿ ☾	pisces	18	The 22 &23
23	b	Ignat bishop	△ ♃ ☾	aries	3	da.much rain
24	c	Salome	△ ♂ ☾	aries	17	The 24 like
25	d	Chrispin	d.9.h. 16. m.	taur.	2	☌☉☽ Windy
26	E	21 Sun.aft. Tr.	Black fri. fall	taur.	16	Winde ☌☿☾
27	f	Mens.Mic. Fast	✶ ♃ ☾	gem.	1	Fairer weath.
28	g	Simon & Jude	☌ ♄ ☾	gem.	15	☿29 deg.of ♉
29	a	Narcissus	just 9 hour.	gem.	28	Rain or blast
30	b	German	△ ☉ ☾	canc.	11	☉17 degr.m

November hath xxx dayes.

☾ Laſt quarter the 2 day, 55 minutes paſt 3 at night.
● New moon the tenth day, about ſix at night.
☽ Firſt quarter the 17 day, 10 minutes paſt 9 at night.
○ Full moon the 24 day, between five and ſix at night.

1	d	All Saints	d.8.h.50.m.	leo	6	☌ ♃ ☾		
2	e	22 Sun. af. Tr.	☾ ☊ heart.	leo	18	clouds		
3	f	Craſt. anim.	d.8.h.44. m.	virg.	0	winde or rain.		
4	g	Amantius	☾ apogeon	virg.	12	☾ ☍		
5	a	Powder treaſ.	d.8.h. 36. m.	virg.	25	cloudie miſ-		
6	b	Leonard	△ ♆ ☾ 16.p.	libr.	5	lings.		
7	c	Willibrood	☾ with Spica	libr.	17	cooler winde.		
8	d	4. crowned m.	□ ♃ ☾	ſcorp.	0	fair, inclining		
9	e	23 Sun. af. Tr.	d.8.h.22. m.	ſcorp.	12	to freez.		
10	f	Triphon mar.	☌ ☉ ☾	ſcorp.	25	△ ♃ ☾ 16.p.		
11	g	Martin biſh.	d.8. h. 6. m.	ſag.	8	The ſetting of		
12	a	Sun in Sagit.	Craſt. mart.	ſag.	21	the Pleiades do		
13	b	Brice	☌ ☌ ☾	capr.	5	demonſtrate		
14	c	Fridericus	☌ ♀ ☾	capr.	19	the beginning		
15	d	Leopaldus	d.8.h. 6. m.	aqua.	2	of winter.		
16	e	24 Sun. af. Tr.	✶ ☿ ☾	aqua.	16	✶ ♄ ☾		
17	f	Hugo biſh.	□ ☉ ☾	piſc.	0	✶ ☌ ☾ 22 p.		
18	g	Octab. mart.	✶ ☌ ☾	piſc.	14	☽ perig.		
19	a	K. Charles bor.	d.7.h.59.m.	piſc.	23	cold winde		
20	b	Edmond K.	□ ☌ ☾	aries	12	and like to be		
21	c	Preſent. of m.	□ ♀ ☾	aries	27	ſome moiſture		
22	d	Cicily	△ ☌ ☾	taur.	11	with it.		
23	e	25 Sun. aft. Tr.	☾ with Pleiad	taur.	25	Showres &c.		
24	f	Chriſogon m.	☍ ☉ ☾	gem.	9	as before.		
25	g	Quind. mart.	☍ ♄ ☾	gem.	23	cloudy & cold		
26	a	Pet. of Alex.	☍ ☿ ☾	canc.	6	windy.		
27	b	Agricola	d.7.h.42.m	canc.	19	☍ ☌ ☾ like		
28	c	Term ends	☍ ♀ ☾	leo	2	to freez.		
29	d	Saturn Faſt	△ ☉ ☾	leo	14	good kinde wea		
30	e	Andrew Ap.	Advent-ſun.	leo	26	ther △ ♄ ☾		

December hath xxxi dayes.

☾ Last quarter the 3 day, 45 minutes past one morning.
● Newy moon the 10 day, at 8 morning. Snowy.
☽ First quarter the 17 day, 36 minutes past five morning.
○ Full moon the 24 day, 5 min. past 9 morn. Windie.

1	f	Eligius bish.	d.7.h.36.m.	virgo	8	☍ ☿ ☾	
2	g	Bibian	♃ 23 sagit.	virgo	20	Snow-like.	
3	a	Lucius King	♀ cum stella	libra	2	Boisterous	
4	b	Barbary	impetuosa.	libra	13	blasts. □ ☿ ☾	
5	c	Sabbe abbot.	☽ spica virg.	libra	25	Cold snow, and	
6	d	Nicholas	♂ ☉ ♄	scorp.	8	winter weather	
7	e	2 Sun. of Adv.	♄ Orient.	scorp.	20	attends it, &c.	
8	f	Concep. Mary	△ ♅ ☾	sagit.	3	✶ ♂ ☾	
9	g	Joachim	✶ ♀ ☾	sagit.	17	☉ 27 sagit.	
10	a	Melchiades	♄ 24 ♂	capric.	0	Cloud or snow	
11	b	Damasus	♂ ☿ ☾ ♂	capric.	14	Windie.	
12	c	Sun in capric.	♌ ♅ ♂	capric.	28	If it be not	
13	d	Lucie virgin	♂ ♀ ☾	aquar.	13	frostie now, I	
14	e	3 Sun. of Adv.	✶ ♄ ☾	aquar.	27	suppose you will	
15	f	Valer. bishop	✶ ♃ ☾	pisces	11	say that it is too	
16	g	O sapientia	△ ♅ ☾	pisces	25	warm for this	
17	a	Ember week.	□ ♃ ☾	aries	9	season of the	
18	b	Victor	✶ ♀☿♂ ☾	aries	23	yeare.	
19	c	Nemes. mart.	△ ☾	taurus	7	□ ♂ ☾	
20	d	Ammon. Fast	□ ☾	taur.	21	Rain-like.	
21	e	Thom. Apost.	△ ♂♄ ☾	gem.	5	☿ in per. eccen.	
22	f	30 Martyrs	✶ ♃ ♀	gem.	18	Small rain.	
23	g	Victoria virg.	△ ♀ ☽	cancer	1	Great windes.	
24	a	Adam. Fast	☿ per. epic.	cancer	14	♂ ☉ ☾	
25	b	Christmasse	♂ ♅ ☾	cancer	27	Faire.	
26	c	S. Stephen	♌ ♄ ☾	leo	10	☉ 15 ♑	
27	d	S. John Evang	△ ♄ ☾	leo	22	d. is 7.h.40.m.	
28	e	Innocents.	△ ♃ ☾	virgo	4	☽ apog. Rain	
29	f	Thom. Cant.	△ ☉ ☾	virgo	16	☽ ☌ ♅ 4 ♐	
30	g	James transl.	□ ♄ ☾	virgo	28	Snow-like and	
31	a	Silvester.	□ ☿ ☾	libra	9	cloudie.	

Swallow 1634.

The latter part of this Almanack, for the yeare of our Lord God 1634, as it is commonly accounted.

Being the second after Bissextile or Leap-yeare, and from the worlds creation (according to *Scaliger*, *Calvisius*, *Helvicus*, and such others) 5583. But as Mr. *Lydiat* reckoneth, 5638.

Wherein you have a description of the 4 quarters of the yeare, with the time of the Sunnes entrance into the cardinal signes, a note of the eclipses which may be seen in *England*, with many necessary tables, and other observations fit to be known.

¶ Printed by the printers to the University of *Cambridge*. 1634.

¶ The allowance for light gold.

	shillings.		
In every piece of	33		4 grains and an half.
	30		4 grains and an half.
	22		3 grains.
	20		3 grains.
	16 & 6 pence	the remedie must not exceed	2 grains and an half.
	11		2 grains.
	10		2 grains.
	5 & 6 pence		1 grain.
	5		1 grain.
	4 4.3.q.		1 grain.
	2 & 9 pence		half a grain.
	2 & 6 pence		half a grain.

¶ Of the currancie of gold.

Every piece not wanting above the double of his remedie, is currant with two pence a grain for every grain above the true remedie: but if it want more, it is not to be offered in payment. The remedie is, for a 22 ſhillings and 20 ſhillings piece, 3 grains: for an 11 and 10 ſhillings piece, 2 grains: for a five and ſixpence and five ſhillings piece, one grain, as the former table, concerning the allowance, doth declare.

Note that
- 12 inches make a foot.
- 3 feet make a yard.
- 3 feet and 9 inches make an ell.
- 5 feet make a geometricall pace.
- 100 and 25 paces make a furlong.
- 8 furlongs make a mile.
- 16 feet and 6 inches make a pole.

Of the eclipſes this yeare, 1634.

THis yeare 1634 will be foure Eclipſes; two of the Sunne, and two of the Moon: but we ſhall not ſee any of them, excepting one, which is an eclipſe of the Moon: and this happeneth on the fourth day of March.

It beginneth about ſome 10 or 11 minutes before 7 of the clock at night, not long after the Moon is riſen. The middle of it will be neare 42 minutes paſt eight: and the end at almoſt half an houre before eleven: So that the whole time from the beginning to the ending, is three houres and about 43 minutes. And note, that the bodie of the Moon in this eclipſe will be darkned within leſſe then one digit, to the quantitie of her whole bodie: ſo that the eclipſe is almoſt totall.

Of conjunctions of the Planets.

1. THere will be a conjunction of the Sunne and Mercurie on the ninth of January, cauſing cold windes which are prone to blow up ſnow.

2. There will alſo be a conjunction of Venus and Mercurie on the 26 day of Februarie, betimes in the morning, which is like to be accompanied with winde and wet. And towards the end of this moneth, and beginning of the next, I do perſwade my ſelf that we ſhall have ſome cold ſtorms of hail, or other as turbulent and unquiet weather.

3. The Sunne and Mercurie are again in conjunction on the 14 day of March.

4. The Sunne and Venus will be in conjunction on the 26 day of April in the morning. This conjunction is accompanied with warm weather, but not without ſhowers: haply the 27 day may in ſome places have ſhowers, with a thunder clap or two, if winde hinder not.

5. On the fifth of May, Venus and Mercurie are in conjunction; but they are too neare the Sunne to be ſeen: for on the ſixth day, the Sunne and Mercurie are together, about the 25 degree of Taurus. If the South winde do now chance to blow, and raiſe up rain, wonder not at it: for I cannot but think, that after May is come to be two dayes old, ſuch weather will appeare.

6. On the eighth day of June, Jupiter and Venus are in conjunction, attended with a quadrate aſpect of the Sunne and Mars, and of the Moon to them both, viz. to Jupiter and Venus. The weather now cannot chooſe but be very hot; and ſeeing Mars ſetteth in with an oppoſition, it may chance to thunder.

7. On the 24 day of the ſaid moneth, the Sunne and Jupiter are together, which being attended with a quadrate aſpect of Mars and Mercury, doth ſeem to ſignifie heat and drought: yet the winde may blow. So alſo on the 28 day, and 30 day, and on the firſt of July, by reaſon of two conjunctions, the one of Jupiter and Mercury, the 28 day, the other of Sol and Mercury, July the firſt.

8. On the ſecond day of Auguſt, Venus and Mercurie are in conjunction; by which, together with ſome other things conſidered, I ſuppoſe we may expect winde and wet, if the quadrate of Saturn turn it not into dark miſtie weather, eſpecially on the ſecond and third of Auguſt in the morning.

9. On the third of September is a conjunction of the Sunne and Mercurie: it raiſeth winde and wet, which will alſo appeare on the fourth, fifth, and ſixth dayes.

10. Saturn and Mars will be in conjunction on the 17 day of October in the 18 degree of Sagittarius: by which I conjecture, that the weather will be turbulent and windie, and perhaps ſome hail, if not ſome thunder alſo. This will appeare ſome two or three dayes both before and after this conjunction.

11. On

11. On the 19 day of the ſaid moneth, Saturn and Venus are together: I do then look for ſnow or cold rain raiſed by winde.

12. The 22, 23, 25, and 26 dayes, ſurely will be windie enough, if not attended with worſe weather. For upon the 23 day, there is a conjunction of Mars and Venus in the 22 degree of Sagittarius: and on the 25 day the Sunne and Mercurie are together in the 11 degree of Scorpio.

13. On the 19 of November, Saturn and Mercurie are alſo in conjunction: look then for winde with ſome rain or ſnow.

14. The Sunne is with Saturn on the ſixth day of December: the weather then is like to look as if it cannot but afford ſome cold and ſnow: and if it now prove froſtie, it is not unſeaſonable.

15. And on the 23 day of the ſaid moneth, the Sunne and Mercurie are again in conjunction: they will raiſe cold winds, as befits the ſeaſon; excepting that ſnow would do better then rain.

A note of ſome other obſervations.

♄ Saturn is direct in his motion untill the 22 day of March: then he is retrograde untill the tenth of Auguſt: from whence he is direct again beyond the yeares end.

♃ Jupiter endeth his laſt yeares retrogradation on the laſt of Januarie: then he is direct untill the ninth of November: after that he is retrograde, as before.

♂ Mars is retrograde from the 23 of Januarie, untill the 13 of April. At other times he is in a direct motion.

♀ Venus is direct all this yeare.

☿ Mercurie is foure times retrograde, viz. from the firſt of Januarie to the 22 of the ſame. From the 25 of April, untill the 18 of May. From the 21 of Auguſt untill the 12 of September. From the 14 of December untill and beyond the yeares end. At other times direct.

A Table calculated for this yeare, by which you may finde the Moons coming to the South.

Days	January hou.	mi	February hou.	mi	March hou.	mi.	April hou.	mi	May hou.	mi.	June hou.	mi.
	aft.noon		aft. noon		aft.noon		aft.noon		aft.noon		morn.	
1	10	5	11	12	9	58	10	57	11	7	12	28
2	10	54	11	56	10	45	11	39	11	55	0	28
3	11	46	12	38	11	27	12	23	12	54	1	30
4	12	35	morn.	38	12	9	morn.	23	morn.	54	2	34
5	morn.	35	1	18	morn.	9	1	10	1	53	3	34
6	1	18	2	0	0	50	2	2	2	53	4	26
7	2	0	2	43	1	30	2	58	3	51	5	18
8	2	42	3	26	3	17	3	57	4	47	6	5
9	3	24	4	12	3	5	4	53	5	41	6	54
10	4	5	5	3	3	59	5	53	6	33	7	43
11	4	47	5	56	4	53	6	49	7	23	8	32
12	5	32	6	54	5	51	7	42	8	11	9	23
13	6	19	7	54	6	51	8	34	9	1	10	15
14	7	11	8	55	7	50	9	25	9	52	11	9
15	8	8	9	57	8	47	10	16	10	41	12	2
16	9	8	11	0	9	42	11	7	11	36	12	53
17	10	11	11	51	10	36	11	59	12	29	1	aft.45
18	11	13	12	44	11	29	12	50	1	aft.22	2	30
19	12	13	1	aft.36	12	21	1	aft.45	2	16	3	17
20	1	aft. 12	2	22	1	aft.15	3	39	3	7	3	59
21	2	6	3	14	3	6	3	34	3	55	4	40
22	2	57	4	6	2	58	4	24	4	42	5	20
23	3	47	4	59	3	51	5	16	5	25	6	2
24	4	36	5	51	4	44	6	26	8	6	43	
25	5	25	6	42	5	36	6	48	6	50	7	27
26	6	15	7	36	6	28	7	31	7	29	8	16
27	7	5	8	25	7	16	8	14	8	11	9	7
28	7	56	9	13	8	3	8	54	8	55	10	4
29	8	46	0	0	8	48	9	36	9	43	11	6
30	9	38	0	0	9	31	10	21	10	36	12	10
31	10	26	0	0	10	13	0	0	11	28	0	0

The

The residue of the Table calculated for this yeare, to finde the moons coming to the South.

Dates	July		August		Septemb.		Octob.		Novem.		Decemb.	
	hou.	mi.	hou.	mi.	hou.	mi.	hou.	mi.	hou.	min.	hou.	min.
	morn.		morn.		morn.		morn.		morn.		morn.	
1	1	10	1	48	3	13	3	54	5	14	5	11
2	1	14	2	39	4	5	4	49	6	05	5	52
3	2	12	3	29	5	0	5	40	6	45	6	32
4	3	6	4	22	5	54	6	32	7	24	7	12
5	3	57	5	17	6	49	7	20	8	6	7	54
6	4	46	6	6	7	39	8	5	8	44	8	38
7	5	35	6	59	8	28	8	48	9	29	9	25
8	6	26	7	51	9	13	9	28	10	12	10	16
9	7	13	8	44	10	1	10	10	10	59	11	13
10	8	6	9	32	10	44	10	53	11	47	12	8
11	9	0	10	18	11	25	11	35	12	39	1 aft.	6
12	9	52	11	8	12	6	12	17	1 aft.	34	2	5
13	10	44	11	53	12	47	1 aft.	6	2	31	3	0
14	11	26	12	35	1 aft.	30	1	55	3	27	3	52
15	12	14	1 aft.	15	2	14	2	47	4	22	4	44
16	1 aft.	18	1	58	3	4	3	41	5	16	5	32
17	1	52	2	39	3	51	4	38	6	9	6	17
18	2	33	3	21	4	43	5	34	7	1	7	11
19	3	15	4	7	5	38	6	30	7	47	8	0
20	3	56	4	54	6	30	7	24	8	37	8	33
21	4	38	5	44	7	30	8	16	9	29	9	45
22	5	20	6	40	8	30	9	8	10	19	10	41
23	6	7	7	38	9	26	10	0	11	14	11	37
24	6	55	8	36	10	20	10	51	12	11	12	30
25	7	48	9	36	11	15	11	42	morn.	11	morn.	30
26	8	43	10	36	12	10	12	38	1	10	1	21
27	9	45	11	34	morn.	10	morn.	38	2	8	2	8
28	10	46	12	29	1	6	1	38	2	57	2	52
29	11	48	morn.	29	2	2	2	36	3	46	3	35
30	12	50	1	24	2	57	3	34	4	29	4	15
31	morn.	50	2	18	0	0	4	26	0	0	5	54
								25	4			

How

How to finde the tides by the former table of the moons coming to the south.

IF you would finde by the former table at what a clock the moon comes to the south, you must first seek the day on the side, and the moneth on the top of the table: and so you have your desire. As for example: March 10 I would know the moons southing; I seek for 10 on the side under the title Daies, and from thence proceed right on till I come under March, & then I finde that the moon comes to the south that day at 3 & 59 minutes in the morning; (aft.) standing for afternoon, and (morn.) for the houres in the morning, or before noon, viz. from midnight to noon.

Now to make use of this table for the tides, do thus; Note that the houre and minute of the moons coming to the south, is the time of the full sea at Southampton, Quinborough, Portsmouth, and Wellings. But for these other havens you must adde their houres and minutes to the time of the moons coming to the south, and that whole number is the time in those havens.

	Ho.	m.
Aberden, Redbane, Rochester, Maldon, West of Nore	0	45
Gravesend, Downs, Romney, Tenet, Ramkins	1	30
London, Tinmouth, Hartlepoole, Amsterdam, Gasgoin	3	0
Barwick, Ostend, Scarborough, Fount, Flushing, Flamb	3	45
Frith, Leith, Dunbar, Lawr. Bloy, Monsh. Egmon	4	30
Flamouth, Foy, Garnsey, Severn-mouth, Waterford	5	15
Lin, Humber, Waymouth, Plimouth, Antwerp	6	0
Bristol, Lanion, Foulnesse	6	45
Milford, Bridg-water, North-coast, Exwater, Taxell	7	30
Port-land, Peter-port, Hareflew, Hague, Blanch	8	15
Orkney-pool, Orwell, S. Hellen, Embden, Eames, Flee	9	0
Needles, Deep, Casket, Lux, Lenow, Orford, Laysto	9	45
Yarmouth, Dovor, Harwich, Wight, Bulloigne	10	30
Rye, Winchelsey, Callice, Calshot, Gorend	11	15

How

How to know what a clock it is at night by the moon when she shineth upon a Sun-diall.

FIrst you must know by the former table at what a clock the moon comes to the south: which known, you must imagine that the 12 a clock on your diall is to be called by that houres name at which the moon comes to the south, and so every other houre accordingly. As if the moon come to the south at 8 a clock, then must you call 12 upon your diall 8, and 11 seaven, 10 six, &c. And on the other side one must be 9, two 10, &c. which being known, you may easily know what a clock it is as soon as you see the shadow upon the diall.

As for example.

November the 17 I finde that the moon comes to the South, 9 minutes past 6 at night. Now I come to a Sunne-diall in the evening, and would know what a clock it is: The shadow on the diall pointeth at one; by which I can tell you that it is 9 minutes past 7, because the 12 of clock is to be called 6 and 9 minutes, which was the houre of the moons southing. And thus may you do any night when the moon shineth, remembring that you first finde the time of her coming to the south.

How to reade the Aspects set down in Almanacks.

These are thus to be read, ☌ ♄ ☾, A Conjunction of Saturn and the Moon. ☌ ♃ ☾, A Conjunction of Jupiter and the Moon. ☌ ♂ ☾, A Conjunction of Mars and the Moon. ☌ ☉ ☾, A Conjunction of the Sunne and the Moon. ☌ ♀ ☾, A Conjunction of Venus and the Moon. Thus if you observe but the characters of the Planets and Aspects set down in the beginning of the Almanack, you may with ease know how to reade the Aspects set down either in this Almanack, or in any other.

Of

Of the foure quarters of the yeare.

Of Winter.

WInter, that froſt-bitten churl, taketh his beginning with the Sunnes entrance into that cold and earthy ſigne Capricorn, which happened the laſt yeare on the 11 day of December, making the dayes then at the ſhorteſt, and the nights at the longeſt; the dayes being (at, and with us about Cambridge) onely ſeven houres and 26 minutes long: and the nights 16 houres and 34 minutes. This ſeaſon is accounted vulgarly the firſt, and continueth untill the Sunne hath runne through Capricorn, Aquarius, and Piſces.

Of the Spring.

THis ſeaſon of the yeare never came unwiſhed for or unwelcome. It begins this yeare on the 11 day of March, with the Sunnes entrance into the firſt minute of Aries. Now the Sunne rideth between the two Poles of the world, making the dayes and nights of equall length, and by his approach adding life to the decaying world.

Of Summer.

SUmmer, the mother of plentie and daughter of bountie, begins with the Sunnes entrance into Cancer, which will be this yeare on the 11 day of June, 21 minutes paſt foure at night. And now are our dayes at the longeſt, and nights at the ſhorteſt: the dayes being 16 houres and 34 minutes, and the nights 7 houres and 26 minutes. And note (as before) that this is at, and about Cambridge, where the Pole is elevated above the Horizon, 52 degrees and 17 minutes.

Of

Of Autumne.

AUtumne may not unfitly be called the yeares barbour, or (if you will) a kinde-hearted prodigall, that gives all away, and leaves himself nothing. This quarter begins this present yeare on the 13 day of September, 59 min. past 6 in the morning: at which time the Sunne enters into that aierie signe which is called Libra, and it continueth untill he hath run through Libra, Scorpio, and Saggittarius.

Poma dat Autumnus, formosa est messibus Æstas;
Ver præbet flores, igne levatur Hyems. *Ovid.*

The yeare containeth,
- Moneths: Solar 12. Lunar 13.
- Weeks 52.
- Dayes 365.
- Houres 8766.

Note, that the yeare of our Lord begins not untill the 25 day of March: And the yeare of our King, not untill the 27 day of the same moneth. That kinde of yeare which we begin on the first of January, is the Julian yeare, and was first instituted by Julius Cesar.

Atque in se sua per vestigia volvitur annus. *Virg.*
The yeare into it self is cast
By those same steps that it hath past.

Note also that the Dominicall letter, and the Golden number, change alwaies on the first of January; but the Epact changeth not untill the first day of March.

We all such yeares do good and healthfull finde,
Whose parts are from their natures not inclin'd.

Obser-

Obſervations for husbandmen, and others.

IN January take away ſuperfluous branches from fruit-trees, and prepare your ground for gardens, uncover tree roots, cut your vines in ſome of the twelve dayes.

Set quick-ſets, roſes, and ſallades, in the moneth of February. And now cover up the roots of your trees with good earth, which you opened before in the beginning of January.

In March you may graft; but in planting and grafting chooſe a warm time: wherefore let not the winde be in the Eaſt or North, becauſe ſuch windes are cõmonly nipping, eſpecially being helped by any aſpect of the moon, with Saturn or Venus; in cold ſignes, as Virgo, Capricorn, Taurus, Scorpio, Piſces, or Cancer.

In the end of April, or beginning of May, ſet and ſow tender herbs and ſeeds in your gardens, in a good temperature of aire.

If you mean to preſerve flowers or ſeeds, gather them in a full moon; let the ſunne ſhine firſt upon them, and they will keep the better. But let them not be dried in the ſun, leſt the ſunne draw away part of their vertue.

Remove young trees either in the end of October, in November or February, the moon increaſing: and be ſure to ſet that ſide ſouth which was ſouth before, becauſe it cannot indure the cold north.

Sheare ſheep the moon increaſing, and their fleeces will grow the better again. The like obſerve for cutting of haire. ☾ in ♂. ♍, or ♎.

Geld cattell the moon in Aries, Sagittarius, or in Capricorn, being in her laſt quarter

Gather all fruits that you mean to keep, in a dry time when the moon is at the full.

Sow all ſuch ſeeds as have round roots (as onyons, leeks, turnops, &c.) either three or foure dayes before the full, or three or foure dayes after the full,

A

A chronologicall note of some memorable accidents, shewing how long it is since any of them happened.

Our countreyman Mr. *Th. Lydyat*, in his book *De emend. tempor.*, reckoneth from the Creation to the first yeare of our Lord, according to the Dionysian, or vulgar account, 4004 yeares. That is, he proveth the worlds creation to be 4004 yeares before the beginning of the first yeare of Christ: whereupon (by his account) it must be from the creation to this present yeare 5638

As also, by his reckoning

		yeares
Since	The Floud	3912
	The beginning of Nimrods kingdome	3866
	The birth of Abraham	3629
	The Promise	3559
	The destruction of Sodome and Gomorrah	3529
	The coming out of Egypt	3129
	The destruction of Troy	2816
	The Temple builded by K. Solomon	2650
Since the death of Alexander the great		1957
Since the destruction of Jerusalem by Tytus		1565
Since William the Conquerour		568
Since the invention of Guns		254
Since the invention of Printing		188
Since Martin Luther first opposed the Pope		117
Since Tilbury camp on S. James his day		46
Since the Powder-treason		29
Since the last great Frost		27
Since the last blazing Starre		16

On the 27 of *March* begins the tenth yeare of the King.

Some

Some few physicall observations.

TO take physick for slight occasions either in the hea of Summer or cold of Winter, is held to be ver dangerous; nevertheless oft times it so falleth out, tha the disease may be such, as the danger will admit of n delay. In such a case as this, physick must be had; yet let not any counsell be taken, but of the Physicians practising and professing physick.

But upon other occasions, the Spring is a seasonable time either to prevent diseases, or to expell surfeits and ill humours which the dead time of the yeare ingendred in the bodie. And now, because bloud increaseth, shunne such meats, as much as may be, whose nutriment doth turn into ill bloud. Salt meats, much milk, and cheese in this case are not very good. Neither will the Salern schoul allow beef, hare, goat, or red deere to be wholsome meat for sickly folks.

Things good for the sight.	Things ill for the sight.
Measurable sleep	To eat garlick, onions, and leeks.
Red roses	To eat Lettice
Vervanie roots	To travell soon after meat
Fennell	Hot wines, cold aire
Selandine	Drunkennesse, gluttony, much milk, and cheese
Pimpernell	Overmuch looking at bright white or red things
Oculus Christi	Much sleep after meat
To wash the eyes with clear water.	Too much letting of bloud
To look on any green.	Cold-worts, dust, fire.
To look in a fair glasse.	Much watching & weeping
To wash the hands and feet often.	

Obser

Obſervations concerning the change of Weather.

Signes of fair weather.

The Sun riſing and ſetting cleare; The Moon cleare three dayes after the Change, or three dayes before the Full; Spots appearing in a Full Moon, towards Sun-ſetting; Clouds with golden edges, A cloudy Skie clearing againſt the winde; The Rain-bow appearing onely meanly red and yellowiſh; A red evening with a gray morning; The Crow crying betimes in the morning: All theſe are uſuall ſignes of fair weather.

Signes of rain.

When the Sun in his riſing is hid of a black cloud; when the Moon within 3 or 4 dayes after the Change is blunt on both horns; A Rain-bow appearing in a fair day, the greener the more rain; The extraordinary chattering of the Pie; The often twitting of the owle; The ſcraming of the Peacocks; Cattell licking their hooks behinde, when but the biggeſt Starres onely appeare, and that miſtily; Lute or Viol ſtrings cracking when they are not touched; All theſe are uſuall ſignes of rain.

Signes of winde.

Red clouds in a Morning; Often ſhooting of ſtarres, Clouds flying ſwift in a cleare aire; The Rain-bow red; Black circles with red ſtrikes about the Sunne or moon; Starres dimme and fiery: But it is a ſigne of winde and ſhowers, when the Sun-beams appeare before the Sun riſeth; or if the Sun ſet pale, or be incloſed with a black circle when he is neare the time of his ſetting.

Signes

Signes of hot weather.

MAny Batts flying abroad sooner then ordinary; A white mist arising out of moores, or waters, either before Sunne rise, or after Sunne setting; Kites flying high in the aire; Crowes or Ravens gaping against the Sunne; Store of flies playing in the Sunne shining towards night.

Signes of cold weather; of Frost, of Snow, and of Hail.

CLouds flying low, seeming to touch the tops of Hills, are signes of cold weather; Great flocks of small birds gathered together in the beginning of winter do foretell either cold stormes, or frosty weather; If in the winter the Sunne shine cleare towards night, and redder then before, any cold winde blowing, expect a frost; The extraordinary twinckling of Starres foretelleth a hard frost; Clouds upon heaps like Rocks, in Summer hail, but in winter Snow; An obscure circle about the Sunne or Moon in the winter, or a sudden obercasting of the aire, is a very likely token of Snow.

Signes of drought.

STarres seeming dimme, and fiery red, do signifie either drought, or winde, or both.

Signes of the continuance of a Frost, and of thawing.

SNow falling in the beginning of a frost, if it fall very small, then is the weather colder & the frost like to hold; but if the snow fall bigge, and in great flakes, then is it like to thaw very suddenly; other signes of a thaw may be the sudden turning of the winde, especially into the South, &c.

Here

¶ Here followeth the time of ſunne-ſetting, and length of the day, in our latitude of *Cambridge*.

January.

Daies	The ſunne ſetteth		Length of the day.
1	54 minut.	3	7 hou. and 48 minut.
3	57 minut.	3	7 hou. and 54 minut.
5	59 minut.	3	7 hour. and 49 minut.
7	1 minut.	4	8 hou. and 2 minut.
9	4 minut.	4	8 hou and 8 minut.
11	6 minut.	4	8 hou. and 12 minut.
13	9 minut.	4	8 hou and 18 minut.
15	13 minut.	past 4	8 hou. and 26 minut.
17	16 minut.	4	8 hou. and 32 minutes
19	20 minut.	4	8 hour. and 40 minutes
21	24 minut.	4	8 houres and 48 minutes
23	27 minut.	4	8 houres and 54 minutes
25	31 minut.	4	9 houres and 2 minutes
27	39 minut.	4	9 houres and 12 minutes
29	40 minut.	4	9 houres and 20 minutes

February.

Daies	The ſunne ſetteth		Length of the day.
1	45 minut.	4	9 houres and 30 minutes
3	49 minut.	4	9 houres and 38 minutes
5	52 minut.	4	9 houres and 44 minutes
7	56 minut.	4	9 hou. and 52 minut.
9	juſt at 5.		juſt 10 houres long.
11	4 minut.	5	10 houres and 8 minutes
13	8 minut.	5	10 houres and 16 minutes
15	12 minut.	past 5	10 houres and 24 minutes
17	16 minut.	5	10 houres and 32 minut.
19	20 minut.	5	10 houres and 40 minut.
21	24 minut.	5	10 hou. and 48 minut.
23	28 minut.	5	10 hou. and 56 minut.
25	32 minut.	5	11 hou. and 4 minut.
27	37 minut.	5	11 houres and 14 minutes

March.

Daies	The sunne setteth		Length of the day.
1	40 minut.	5	11 houres and 20 minutes
3	44 minut.	5	11 houres and 28 minutes
5	48 minut.	5	11 houres and 36 minutes
7	53 minut.	5	11 houres and 46 minutes
9	57 minut.	5	11 houres and 54 minutes
11	2 minut.	6	12 houres and 4 minut.
13	6 minut.	6	12 hou. and 12 minut.
15	10 minut.	past 6	12 hou. and 20 minut.
17	14 minut.	6	12 hou. and 28 minut.
19	18 minut.	6	12 hou. and 36 minut.
21	22 minut.	6	12 hou. and 44 minut.
23	26 minut.	6	12 hou. and 52 minut.
25	30 minut.	6	13 houres long.
27	35 minut.	6	13 houres and 10 minutes
29	39 minut.	6	13 hou. and 18 minut.

Aprill.

Daies	The sunne setteth		Length of the day.
1	43 minut.	6	13 hou. and 26 minut.
3	46 minut.	6	13 hou. and 32 minut.
5	50 minut.	6	13 hou. and 40 minut.
7	54 minut.	6	13 hou. and 48 minut.
9	58 minut.	6	13 hou. and 56 minut.
11	1 minut.	7	14 hou. and 2 minut.
13	5 minut.	past 7	14 hou. and 10 minut.
15	9 minut.	7	14 hou. and 18 minut.
17	12 minut.	7	14 hou. and 24 minut.
19	16 minut.	7	14 hou. and 32 minut.
21	19 minut.	7	14 hou. and 38 minut.
23	23 minut.	7	14 hou. and 46 minut.
25	27 minut.	7	14 hou. and 54 minut.
27	31 minut.	7	15 hou. and 2 minut.
29	35 minut.	7	15 hou. and 10 minut.

May.

Daies.	The sunne setteth		Length of the day.
1	39 minut.	past 7	15 hou. 18 minut.
3	42 minut.	7	15 hou. 24 minut.
5	44 minut.	7	15 hou. 28 minut.
7	47 minut.	7	15 hou 34 minut.
9	50 minut.	7	15 hou. 40 minut.
11	52 minut.	7	15 hou. 44 minut.
13	55 minut.	7	15 hou. 50 minut.
15	57 minut.	7	15 hou. 54 minut.
17	just at eight.		just 16 houres long.
19	2 minut.	past 8	16 hou. 4 minut.
21	5 minut.	8	16 hou. 10 minut.
23	7 minut.	8	16 hou. 14 minut.
25	9 minut.	8	16 hou. 18 minut.
27	11 minut.	8	16 hou. 22 minut.
29	13 minut.	8	16 hou. 26 minut.

June.

Daies.	The sunne setteth.		Length of the day.
1	14 minut.	8	16 hou. 28 minut.
3	15 minut.	8	16 hou. 30 minut.
5	16 minut.	8	16 hou. 32 minut.
7	17 minut.	8	16 hou. 33 minut.
9	17 minut.	8	16 hou. 34 minut.
11	17 minut.	8	The dayes at the longest
13	17 minut.	8	16 hou. 34 minut.
15	16 minut.	past 8	16 hou. 32 minut.
17	16 minut.	8	16 hou. 32 minut.
19	15 minut.	8	16 hou. 30 minut.
21	14 minut.	8	16 hou. 28 minut.
22	13 minut.	8	16 hou. 26 minut.
25	12 minut.	8	16 hou. 24 minut.
27	10 minut.	8	16 hou. 20 minut.
29	9 minut.	8	16 hou. 18 minut.

July.

Daies	The sunne setteth		Length of the day.
1	8 minut.	8	16 hou. 16 minut.
3	6 minut.	8	16 hou. 12 minut.
5	4 minut.	8	16 hou. 8 minut.
7	1 minut.	8	16 hou. 2 minut.
9	59 minut.	7	15 hou. 58 minut.
11	56 minut.	7	15 hou. 52 minut.
13	54 minut.	7	15 hou. 48 minut.
15	52 minut.	past 7	15 hou. 44 minut.
17	49 minut.	7	15 hou. 38 min.
19	46 minut.	7	15 hou. 32 min.
21	43 minut.	7	15 hou. 26 min.
23	40 minut.	7	15 hou. 20 min.
25	36 minut.	7	15 hou. 12 min.
27	33 minut.	7	15 hou. 6 min.
29	30 minut.	7	just 15 houres.

August.

Daies	The sunne setteth		Length of the day.
1	24 minut.	7	14 hou. 48 min.
3	20 minut.	7	14 hou. 40 min.
5	16 minut.	7	14 hou. 32 minut.
7	12 minut.	7	14 hou. 24 minut.
9	9 minut.	7	14 hou. 18 minut.
11	5 minut.	7	14 hou. 10 minut.
13	1 minut.	7	14 hou. 2 min.
15	58 minut.	past 6	13 hou. 56 min.
17	54 minut.	6	13 hou 48 min.
19	50 minut.	6	13 hou. 40 min.
21	46 minut.	6	13 hou. 32 min.
23	42 minut.	6	13 hou. 24 min.
25	38 minut.	6	13 hou 16 min.
27	34 minut.	6	13 hou. 8 minut.
29	30 minut.	6	just 13 houres.

September.

Daies	The sunne setteth.		Length of the day.
	24 minut.	past 6	12 hou. 48 min.
3	20 minut.	6	12 hou. 40 min.
5	16 minut.	6	12 hou. 32 min.
7	12 minut.	6	12 hou. 24 min.
9	8 minut.	6	12 hou. 16 min.
11	4 minut.	6	12 hou. 8 min.
13	just at six.		just 12 houres.
15	56 minut.	past 4	11 hou. 52 minut.
17	52 minut.	5	11 hou. 44 minut.
19	48 minut.	5	11 hou. 36 minut.
21	44 minut.	5	11 hou. 28 minut.
23	40 minut.	5	11 hou. 20 minut.
25	36 minut.	5	11 hou. 12 minut.
27	32 minut.	5	11 hou. 4 minut.
29	28 minut.	5	10 hou. 56 minut.

October.

Daies	The sunne setteth		Length of the day.
1	24 minut.	past 5	10 hou. 48 minut.
3	20 minut.	5	10 hou. 40 minut.
5	16 minut.	5	10 hou. 32 minut.
7	12 minut.	5	10 hou. 24 minut.
9	8 minut.	5	10 hou. 16 minut.
11	4 minut.	5	10 hou. 8 minut.
13	just at five.		just 10 houres.
15	56 minut.	past 4	9 hou. 52 min.
17	52 minut.	4	9 hou. 44 min.
19	49 minut.	4	9 hou. 38 min.
21	45 minut.	4	9 hou. 30 min.
23	41 minut.	4	9 hou. 22 min.
25	38 minut.	4	9 hou. 16 min.
27	34 minut.	4	9 hou. 8 min.
29	30 minut.	4	just nine houres.

November.

Daies	The sunne setteth		Length of the day.
1	25 minut.	4	8 hou. 50 min.
3	22 minut.	4	8 hou. 44 min.
5	18 minut.	4	8 hou. 36 min.
7	14 minut.	4	8 hou. 28 min.
9	11 minut.	4	8 hou. 22 min.
11	8 minut.	4	8 hou. 16 min.
13	5 minut.	4	8 hou. 10 min.
15	3 minut.	past 4	8 hou. 6 min.
17	1 minut.	4	8 hou. 2 min.
19	58 minut.	3	7 hou. 56 min.
21	56 minut.	3	7 hou. 52 min.
23	54 minut.	3	7 hou. 48 min.
25	52 minut.	3	7 hou. 44 min.
27	51 minut.	3	7 hou. 42 min.
29	49 minut.	3	7 hou. 38 min.

December.

Daies	The sunne setteth		Length of the day.
1	48 minut.	3	7 hou. 36 min.
3	47 minut.	3	7 hou. 34 min.
5	46 minut.	3	7 hou. 32 min.
7	45 minut.	3	7 hou. 30 min.
9	44 minut.	3	7 hou. 28 min.
11	43 minut.	3	7 hou. 26 min.
13	43 minut.	3	7 hou. 26 min.
15	44 minut.	past 3	7 hou. 28 min.
17	45 minut.	3	7 hou. 30 min.
19	46 minut.	3	7 hou. 32 min.
21	47 minut.	3	7 hou. 34 min.
23	48 minut.	3	7 hou. 36 min.
25	49 minut.	3	7 hou. 38 min.
27	50 minut	3	7 hou. 40 min.
29	52 minut.	3	7 hou. 44 min.

Note that as many min. as the sunne setteth after | 3 | 4 | 5 | 6 | 7 | 8 |
so many minutes it riseth before | 9 | 8 | 7 | 6 | 5 | 4 |

FINIS.